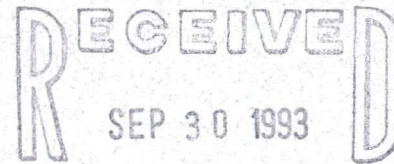




**BURLINGTON
ENVIRONMENTAL**



RCRA PERMITS SECTION

WAD 2917

3b

9/29/1993

September 29, 1993

CERTIFIED MAIL

FILE COPY

Ms. Carrie Sikorski
Chief Permits Section
U.S. Environmental Protection Agency
Region 10 - M/S HW-112
1200 Sixth Avenue
Seattle, WA 98101

Ms. Sikorski:

Enclosed is the annual update of the closure cost estimates for the Burlington Environmental Pier 91 facility as required by Section I.3.1. of the Part B permit. This change does not constitute a permit modification. Please replace the existing version in Section I (page I45) of the Part B Permit with this updated copy. Adjustments were made by recalculating closure costs using a 1992 inflation factor of 1.05, as specified by 40 CFR 264.142(b)(i) and (b)(ii) and WAC 173-303-620(3)(c).

If you have any questions or require further information, please contact me at (206) 654-8145.

Sincerely,

Julie Slocum
Environmental Compliance Specialist

Enclosure

USEPA RCRA



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TABLE I3-1. COST ESTIMATES REFLECTING CLOSURE AT MAXIMUM
WASTE INVENTORY

Revised, January 1990, July 1990, September 1990, December 1990,
March 1991, May 1991, July 1991, August 1991, August 1992,
October 1992, September 1993

ITEM DESCRIPTION	COST (1988 \$\$)
Inventory elimination (tanks)	\$154,818
Additional inventory elimination contingency costs(a)	\$ 43,697
Tank and process equipment decontamination incl. pump/piping decontamination	\$ 51,986
Secondary containment structure decontamination (includes loading/unloading pad)	\$ 20,737
Heavy equipment decontamination	\$ 102
Rinsate treatment and disposal(a)	\$ 35,871
Sampling/analysis (concrete and soils)	\$ 74,180
Personal protective equipment	\$ 1,000
Engineering Certification	\$ 13,986

SUBTOTAL	\$396,377
Contingency fee (10%)	\$ 39,638

TOTAL	\$436,015
1989 annual inflation factor (x 1.04)	\$ 17,441
1990 annual inflation factor (x 1.04)	\$ 18,138
1991 annual inflation factor (x 1.04)	\$ 18,864
1992 annual inflation factor (x 1.05)	\$ 24,523

MAXIMUM WASTE INVENTORY CLOSURE COST ESTIMATE	\$514,981

(a) Contingency costs are added to recognize the possibility of on-site treatment capacity being unavailable at the time of final closure. Detailed calculations used to arrive at the additional cost are included in Appendix I-2, Section B for inventory elimination costs, and Section C6 for rinsate treatment and disposal costs.

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